Geological Technics Inc.

REPORT

Groundwater Monitoring 3rd Quarter 2005

Ham Station 34950 Hwy 88 Pioneer, Amador County, CA

Project No. 808.2 October 26, 2005

Prepared for:

Mr. Thomas A. Newcomer Ham Station 34950 Hwy 88 Pioneer, CA 95666

Prepared by:

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Geological Technics Inc. _

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October 26, 2005

Project No.: 808.2

Project Name: Ham Station (Hwy 88)

Mr. Thomas A. Newcomer Ham Station 34950 Hwy 88 Pioneer, CA

RE: Report: Groundwater Monitoring – 3rd Quarter 2005

Location: Ham Station, 34950 Hwy 88, Pioneer, Amador County, CA

Dear Mr. Newcomer:

Geological Technics Inc. has prepared the following Report for the 3rd Quarter 2005 groundwater-monitoring event at Ham Station, 34950 Highway 88 in Pioneer, CA. The report provides analytical results and discussion of the monitoring/sampling activities conducted at the site on August 27, 2005.

If you have any questions, please contact me at (209) 522-4119.

Respectfully submitted,

USTCF

Raynold I. Kablanow II, Ph.D. Vice President

cc: Kirk Larson – CRWQCB-CVR Bob Fourt – Amador County

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REPORT

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Ham Station 34950 Hwy 88 Pioneer, Amador County, CA

> Project No. 808.2 October 26, 2005

EXECUTIVE SUMMARY

This report summarizes the 3rd Quarter 2005 round of groundwater monitoring and testing that took place at the site on August 27, 2005. Monitoring well MW-1 was non-detect above the laboratory detection limits for all analyzed constituents. This is the thirteenth consecutive monitoring event with these results. Monitoring wells (MW-2 through MW-5) were dry and not sampled.

The domestic well was non-detect above the laboratory detection limits for all analyzed constituents. The domestic well has been non-detect for all analyzed constituents since sampling began in October of 1999 with the exception of the November 2001 event.

The groundwater level in MW-1 decreased approximately 3.80 feet since the March 11, 2005 monitoring event. Dissolved oxygen concentration measured in MW-1 was 5.89 ppm. Oxidation-reduction potential was positive in both MW-1 and the domestic well. Field parameters are favorable for aerobic biodegradation.

A summary of groundwater elevation is included as Table 1. A summary of groundwater analytical data is included as Table 2. A summary of water quality parameters is included as Table 3.

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1.0 GROUNDWATER MONITORING

1.1 Hydrogeology of Site

Depth-to-groundwater measurements, incorporating the new wells, were performed on August 27, 2005. This is the seventh groundwater-monitoring event since the installation of the new monitoring wells in October 2003. Site-specific groundwater gradient and bearing calculations could not be computed because only one monitoring well (MW-1) had measurable water levels.

On August 27, 2005, the depth to water in MW-1 was 148.83 feet bgs. The groundwater elevation in MW-1 is 5288.23 feet AMSL.

Table 1 in Appendix A contains groundwater elevation, bearing and slope data.

As required under AB2886, the depth to groundwater data was submitted electronically to GeoTracker on October 26, 2005, with confirmation number 3515110611.

1.2 Groundwater Sampling Procedure

Mr. Don Light of Del-Tech Geotechnical Services (Del-Tech) mobilized to the site on August 27, 2005, to sound, purge and sample the site's five groundwater-monitoring wells (MW-1 thru MW-5) and domestic well. Before sampling, the monitoring wells were sounded for depth to water with an electrically actuated sounding tape. The water level reading was recorded to an accuracy of 0.01 foot. No floating product or fuel odors were observed during this sampling event. Monitoring wells MW-2 through MW-5 were dry and could not be sounded.

MW-1 was purged of three well casing volumes of stagnant water using a 4-foot stainless steel bailer. Purging continued until the temperature, conductivity, and pH of the groundwater stabilized (<10% variation between three readings) indicating that formation water representative of aquifer conditions was entering the well. These water quality parameters were measured at intervals of each well volume purged.

Once purging was complete, a water sample was collected, from each well containing enough water, utilizing a 4-foot stainless steel bailer. Care was taken to minimize sample agitation. Once the sample container was filled and capped, the bottle was inverted, tapped, and checked for headspace bubbles. The sample container was identified and labeled with a unique designation, inserted into foam holders and placed in a cooled ice chest for transport to the laboratory.

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All non-disposable sampling equipment was decontaminated using a hot water washer and Alconox soap before and between uses. Disposable gloves were used by the technician to collect all samples and were changed with each sample collection.

A chain of custody document, listing all samples collected, accompanied the samples from field to laboratory, thereby providing a means to track their movement and insure their integrity.

All purge water was placed in a 55 gallon DOT approved container, properly labeled and stored on site until its proper disposition can be arranged.

Groundwater monitoring field logs are included in Appendix C.

1.3 Laboratory Analyses

The groundwater samples collected on August 27, 2005, were delivered to Sequoia Analytical of Sacramento, California (ELAP #1624) for analysis of:

- BTEX and Gasoline Range Organics by EPA method 8021/8015
- Diesel Range Organics by EPA method 8015
- MtBE by EPA method 8021/8015

The detection limits for the above analyses are listed in Table 2 of Appendix A, while the lab analytical results are presented in Appendix B.

As required under AB2886, the laboratory data was submitted electronically to GeoTracker on October 26, 2005. The confirmation number is 9550387203.

2.0 FINDINGS AND DISCUSSION

The results of the groundwater sample analyses from the domestic well and MW-1 show the following:

- For the fifth consecutive event, MW-2 was dry.
- For the sixth consecutive event, MW-3, MW-4 and MW-5 were dry and water samples could not be collected.
- Both the domestic well and MW-1 were non-detect above laboratory reporting limits for all analyzed constituents.
- This is the fourteenth consecutive non-detect event for MW-1.
- The domestic well has been non-detect for all analyzed constituents since October of 1999 with one exception noted in the 4th Quarter Monitoring Report February 4, 2003.
- All other wells were dry and thus groundwater analyses were not performed.

October 25, 2005

• DO readings are close to saturation levels. Previous measurements of 1.6 to 3.0 ppm are more likely representative of aquifer conditions. If contamination were to reach the water table, the dissolved oxygen levels are favorable for aerobic biodegradation.

3.0 **RECOMMENDATIONS**

- On October 13, 2005, GTI perform the scope of work outlined in the *Additional Soil Investigation Work Plan* dated August 5, 2005 and approved by Mr. Larson of CRWQCB in a letter dated August 12, 2005. Submission technical report is scheduled for early November 2005.
- Groundwater monitoring will resume until the completion of a CRWQCB *No Further Action Required* review.

4.0 LIMITATIONS

This report was prepared in accordance with the generally accepted standard of care and practice in effect at the time Services were rendered. It should be recognized that definition and evaluation of environmental conditions is an inexact science and that the state or practice of environmental geology/hydrology is changing and evolving and that standards existing at the present time may change as knowledge increases and the state of the practice continues to improve. Further, that differing subsurface soil characteristics can be experienced within a small distance and therefore cannot be known in an absolute sense. All conclusions and recommendations are based on the available data and information.

The tasks proposed and completed during this project were reviewed and approved by the local regulatory agency for compliance with the law. No warranty, expressed or implied, is made.

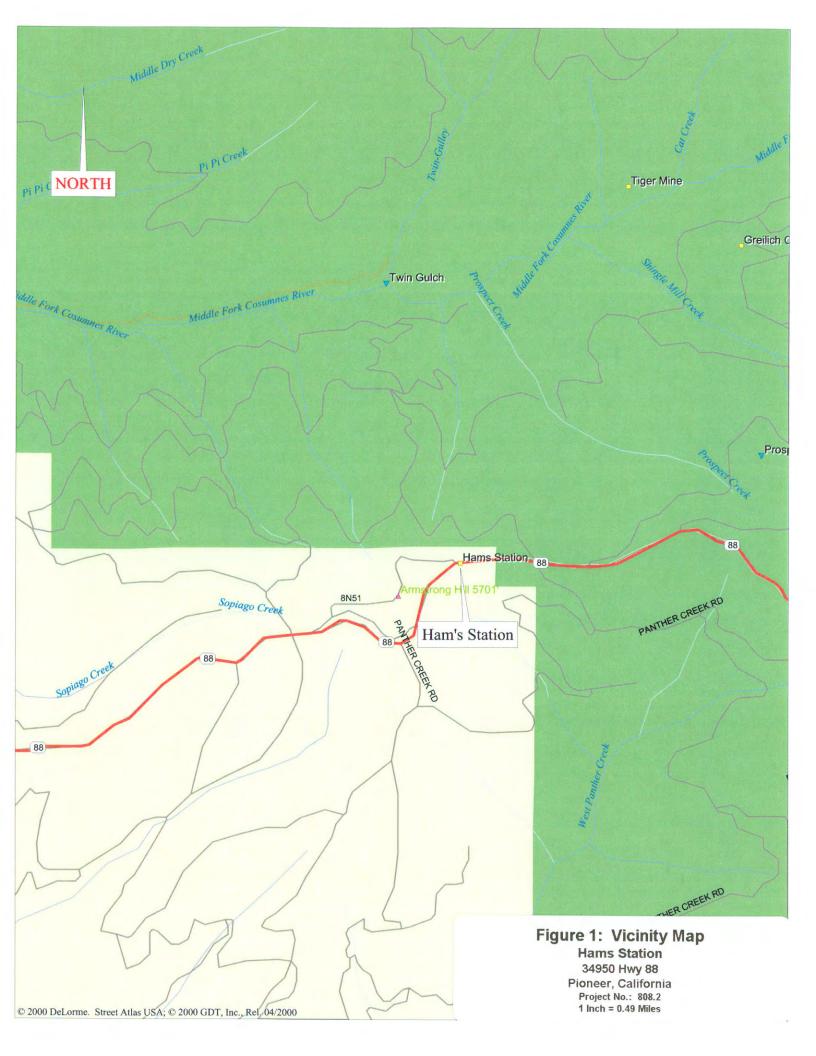
5.0 SIGNATURES AND CERTIFICATION

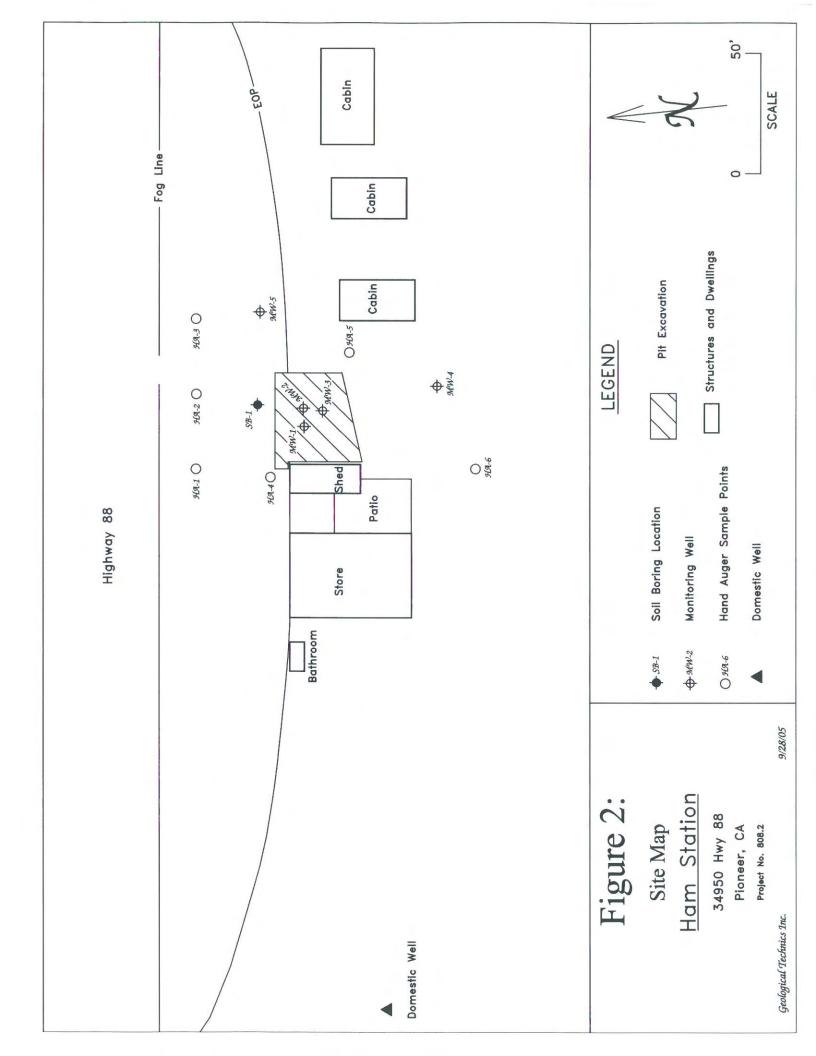
This report was prepared by:

Eric L. Price Project Geologist

> Raynold Kablanow II, Ph.D. California Professional Geologist #5234 Certified Hydrogeologist #442







Appendix A

Data Tables

Table 1: Summary of Groundwater Elevation, Bearing and Slope

Ham Station 34950 Hwy 88 Pioneer, Amador, CA Project No. 808.2

				Grot	Indwater M	Groundwater Monitoring Data)ata			
Date	MW-1	MW-2	MW-3	MW-4	MW-5	Average	Average	Average	*Gradient	*Gradient
	GWL Elev.	GWL Elev.	GWL Elev.	GWL Elev.	GWL Elev.	Elevation	Elevation	DTW	Bearing	Slope ft/ft
						all wells	int wells	all wells		
DT	168.50	67.29	34.10	65.76	66.21					
70C	5437.06	5436.92	5436.92	5432.90	5438.61					
03/02/03	5286.54									
07/15/03	5287.86									
10/15/03	5287.21									
12/08/03	5285.20	5382.35	5406.95	5367.51	5381.42	5354.12	5377.09	82.25	S26°E	0.2905
03/28/04	5287.21	5372.59	DRY	5367.83	5374.22	5350.46	5371.55	85.91	S02°W	0.0976
06/11/04	5285.33	DRY	DRY	DRY	DRY	5285.33	NA	151.73	NA	NA
08/31/04	5287.44	DRY	DRY	DRY	DRY	5287.44	NA	149.62	NA	NA
12/14/04	5288.33	DRY	DRY	DRY	DRY	5288.33	NA	148.73	NA	NA
03/11/05	5292.03	DRY	DRY	DRY	DRY	5292.03	NA	145.03	NA	AN
08/27/05	5288.23	DRY	DRY	DRY	DRY	5288.23	NA	148.83	NA	NA
				Historical Averages =	verages =	5306.56	5374.32	130.30	S12°E	0.1941

*Bearing and Slope determined using MW-2, MW-4 and MW-5

Table 2: Summary of Groundwater Analytical Data

Ham Station 34950 Highway 88 Pioneer, CA Project No. 808.2

L ug/L ug/					Sun	nmary of G	Summary of Groundwater Analytical Data	Analytica	l Data						
100/600 ND-0.3	Sample	Date	Benzene	Toluene	Ethyl	Total	TPH	TEPH	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB
10065/00 NDc03 NDc03 NDc03 NDc60 NA NDc5 NDc5 NDc5 NDc5 NDc9 NA NDc03 NDc0	Designation	Sampled			Benzene	Xylenes	Gasoline	Diesel	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
10065/00 ND-6/3 ND-6/3 ND-6/3 ND-6/3 ND-6/3 ND-6/5			ng/L	ng/L	ng/L	ng/L	ng/L	ng/L							
10006/00 NDc.0.3 NDc	MW-1 (175')	10/02/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
10/09/10 62 203 22 154 1230 NA 85 ND-5		10/06/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
10/10/200	BANA! 4	40/00/00	00	600	00	454	4000	NI/A	90	A. CIA	a, CIA	A. CIA	00,014	AIVA	NI/A
12/12/000 NU-6.3 NU-6.3 NU-6.3 NU-6.3 NU-6.5 NU-6.5	I-MM-1	00/60/01	70	203	77	154	1230	N/A	202	C>ON	S C	C>ON C>ON	NDSZU	N/A	N/A
12/12/00 ND-6/3 ND-6/3 ND-6/3 ND-6/3 ND-6/0		10/16/00	12	2	0.4	14	108	N/A	23	ND<5	ND<5	ND<5	28	ND<0.5	ND<0.5
17/19/10 ND-0.3 ND-0.3 ND-0.3 ND-0.3 ND-0.5		12/12/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	31	ND<5	ND<5	ND<5	ND<20	N/A	N/A
12/19/02 ND-6.3 ND-6.3 ND-6.3 ND-6.5		03/14/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<11	N/A	N/A
12/19/01 NDc.0.3 NDc		06/15/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
11/09/01 ND-6.3 ND-6.3 ND-6.3 ND-6.3 ND-6.5		09/23/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	9>QN	ND<5	ND<5	ND<5	ND<20	N/A	N/A
12/19/02 ND-6.03 ND-6.03 ND-6.03 ND-6.05 ND-		11/09/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
O3/07/03 ND-6.3 ND-6.3 ND-6.3 ND-6.3 ND-6.6 ND-56 ND-65 ND-6		12/19/02	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	2.0>dN	ND<0.5	ND<0.5	ND<20	N/A	N/A
O7/15/03 ND<0.3 ND<0.3 ND<0.3 ND<0.3 ND<0.3 ND<0.5		03/02/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<1	S>QN	ND<5	ND<5	ND<10	N/A	N/A
10/15/03 ND<0.3 ND<0.3 ND<0.3 ND<0.3 ND<0.3 ND<0.5		07/15/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
03/28/04 ND <		10/15/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
06/11/04 NDc.3.3 NDc.0.3 NDc.0.3 NDc.0.3 NDc.0.5 <		03/28/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
08/31/04 NDc.0.3 NDc.0.3 NDc.0.3 NDc.0.3 NDc.0.3 NDc.0.5 <		06/11/04	ND<0.3	\vdash	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5		ND<0.5	ND<20	N/A	N/A
12/14/04 NDc.0.3 NDc.0.3 NDc.0.3 NDc.0.5 <		08/31/04	ND<0.3	$\overline{}$	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5		ND<0.5	ND<20	N/A	N/A
03/11/05 ND<0.5 ND<0.		12/14/04	ND<0.3	_	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5		ND<0.5	ND<20	N/A	N/A
08/27/05 NDc.0.5 <		03/11/05	ND<0.5		ND<0.5	ND<0.5	ND<50	ND<50	ND<2	N/A	N/A	N/A	N/A	N/A	N/A
03/28/04 ND<0.3 ND<0.3 ND<0.3 ND<0.3 ND<0.5		08/27/05	ND<0.5		ND<0.5	ND<0.5	ND<50	ND<50	ND<2	N/A	N/A	N/A	N/A	N/A	N/A
06/11/04 08/31/04 12/14/04 03/28/04 06/11/04 08/31/04 12/14/04	MW-2	03/28/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	0.62	ND<0.5		ND<0.5	ND<20	N/A	N/A
08/31/04 12/14/04 03/11/05 03/28/04 06/11/04 08/31/04 12/14/04		06/11/04						D	47						
12/14/04 03/11/05 08/27/05 03/28/04 06/11/04 08/31/04 12/14/04		08/31/04						DF	٨٤						
03/11/05 08/27/05 03/28/04 06/11/04 08/31/04 12/14/04		12/14/04						D	44						
03/28/04 06/11/04 08/31/04 12/14/04		03/11/05						D	4						
03/28/04 06/11/04 08/31/04 12/14/04		08/27/05						D	4						
	MW-3	03/28/04						DF	44						
		06/11/04						D	47						
		08/31/04						D	47						
		12/14/04						D	37						

				Sur	nmary of G	Summary of Groundwater Analytical Data	r Analytica	I Data						
Sample	Date	Benzene	Toluene	Ethyl	Total	TPH	TEPH	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB
Designation	Sampled			Benzene	Xylenes	Gasoline	Diesel	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
		ng/L	ng/L	ng/L	ng/L	ng/L	ng/L							
MW-3	03/11/05							DRY						
	08/27/05						D	DRY						
MW-4	03/28/04							DRY						
	06/11/04							DRY						
	08/31/04							DRY						
	12/14/04						۵	DRY						
	03/11/05							DRY						
	08/27/05						ā	DRY						
MW-5	03/28/04							DRY						
	06/11/04						۵	DRY						
	08/31/04						۵	DRY						
	12/14/04						۵	DRY						
	03/11/05						۵	DRY						
	08/27/05						D	DRY						
Domestic Well	10/26/99	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	N/A
	04/19/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	06/15/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	09/23/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	11/09/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	215	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	12/19/02	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/02/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<1	ND<5	ND<5	ND<5	ND<10	N/A	N/A
	07/15/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	10/15/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5 ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/28/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5		ND<20	N/A	N/A
	06/11/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5		ND<0.5	ND<20	N/A	N/A
	08/31/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	12/14/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/11/05	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	ND<50	ND<2	N/A	N/A	N/A	N/A	N/A	N/A
	08/27/05	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	ND<50	ND<2	N/A	N/A	N/A	N/A	N/A	N/A
Spring #1	01/18/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	N/A
Meyer's Spring	10/02/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A

Table 3: Summary of Water Quality Parameter Data

Ham Station 34950 Highway 88 Pioneer, California Project No. 808.2

Monitoring Well			MW-1					MW-2					MW-3	3	
Date	рН	E.C.	°F	ORP	DO	рН	E.C.	°F	ORP	DO	рН	E.C.	°F	ORP	DO
10/16/00	8.02	193	48.7	210	N/A										
12/11/00	7.74	190	49.1	140	N/A										
03/14/01	8.04	197	50.4	122	N/A										
06/15/01	7.62	145	50.9	218	N/A										
09/23/01	7.95	150	50.5	18	N/A										
11/09/01	7.88	150	50.7	156	N/A										
12/19/02	8.32	146	45.0	56	1.56										
03/07/03	7.84	152	50.5	173	1.70										
07/15/03	7.57	170	49.6	129	7.42										
10/15/03	8.45	135	48.7	71	3.10										
03/28/04	8.57	195	50.9	19.4	7.68	8.48	317	51.8	58	3.00			DRY		
06/11/04	7.95	178	50.4	24	7.80			DRY					DRY		
08/31/04	7.97	170	50.7	43	7.50			DRY					DRY		
12/14/04	7.83	162	50.5	11	7.72			DRY					DRY		
03/11/05	7.96	240	50.5	68	6.20			DRY					DRY		
08/27/05	7.97	248	50.7	92	5.89			DRY					DRY	1000	

Monitoring Well			MW-4					MW-5				Dor	nestic	Well	
Date	рН	E.C.	°F	ORP	DO	рН	E.C.	°F	ORP	DO	рН	E.C.	°F	ORP	DO
10/16/00															
12/11/00															
03/14/01															
06/15/01															
09/23/01			N/A					N/A			8.10	162	59.9	27	N/A
11/09/01			N/A					N/A			8.07	150	58.6	35	N/A
12/19/02			N/A					N/A			8.23	121	43.4	85	2.40
03/07/03			N/A					N/A			8.10	142	54.9	47	N/A
07/15/03			N/A					N/A			8.18	168	55.9	77.9	N/A
10/15/03			N/A					N/A			8.43	129	51.6	62	N/A
03/28/04			DRY					DRY			8.65	140	47.8	19.9	N/A
06/11/04			DRY					DRY			8.25	145	51.4	83.1	N/A
08/31/04			DRY					DRY			8.22	140	51.1	99.1	N/A
12/14/04			DRY					DRY			8.12	162	50.5	107.8	N/A
03/11/05			DRY					DRY	111		7.63	202	57.2	67.9	N/A
08/27/05			DRY					DRY			9.23	208	61.7	186.5	N/A

Geological Technics Inc. 9/28/2005

Appendix B

Laboratory Data Sheets





819 Striker Ave Ste 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100 www.sequoialabs.com

20 September, 2005

Geological Technics, Inc. Geological Technics, Inc. 1101 7th Street Modesto, CA 95354

RE: Ham's Station Work Order: S509134

Enclosed are the results of analyses for samples received by the laboratory on 09/07/05 17:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sylvia Krenn Project Manager

CA ELAP Certificate #1624





Project:Ham's Station
Project Number:[none]
Project Manager:Geological Technics, Inc.

S509134 Reported: 09/20/05 12:05

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5090098 - EPA 5030B (P/T) / EPA	8015B/8	8021B				-				
Blank (5090098-BLK1)				Prepared	& Analyze	ed: 09/08/	05			
Gasoline Range Organics (C4-C12)	ND	50	ug/l						TOTAL PARTY OF THE	
Benzene	ND	0.50	11							
Toluene	ND	0.50	ir							
Ethylbenzene	ND	0.50	17							
Xylenes (total)	ND	0.50	11							
Methyl tert-butyl ether	ND	2.0	11							
Surrogate: 4-BFB (FID)	7.25		и	10.0		72	60-140			
Surrogate: a,a,a-TFT (PID)	9.56		"	10.0		96	60-140			
Blank (5090098-BLK2)				Prepared	& Analyze	ed: 09/09/0	05			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.50	11							
Toluene	ND	0.50	n .							
Ethylbenzene	ND	0.50	n							
Xylenes (total)	ND	0.50	n							
Methyl tert-butyl ether	ND	2.0	11							
Surrogate: 4-BFB (FID)	6.89		n	10.0		69	60-140		-	
Surrogate: a,a,a-TFT (PID)	8.42		"	10.0		84	60-140			
Laboratory Control Sample (5090098-BS1)				Prepared .	& Analyze	ed: 09/08/0)5			
Benzene	9.11	0.50	ug/l	10.0		91	70-130			
Toluene	8.83	0.50	11	10.0		88	70-130			
Ethylbenzene	8.90	0.50	11	10.0		89	70-130			
Xylenes (total)	26.2	0.50	11	30.0		87	70-130			
Methyl tert-butyl ether	9.35	2.0	n	10.0		94	70-130			
Surrogate: 4-BFB (FID)	8.19		"	10.0		82	60-140			
Surrogate: a,a,a-TFT (PID)	8.83		11	10.0		88	60-140			





Project:Ham's Station
Project Number:[none]
Project Manager:Geological Technics, Inc.

S509134 Reported: 09/20/05 12:05

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5090098 - EPA 5030B (P/T) /	EPA 8015B/80	021B							,	
Laboratory Control Sample (5090098-B	S2)			Prepared	& Analyzo	ed: 09/09/	05	***************************************		
Benzene	9.74	0.50	ug/l	10.0		97	70-130			
Toluene	9.57	0.50	11	10.0		96	70-130			
Ethylbenzene	9.43	0.50	**	10.0		94	70-130			
Xylenes (total)	27.9	0.50	**	30.0		93	70-130			
Methyl tert-butyl ether	10.1	2.0	11	10.0		101	70-130			
Surrogate: 4-BFB (FID)	7.76		"	10.0		78	60-140			
Surrogate: a,a,a-TFT (PID)	9.53		"	10.0		95	60-140			
Matrix Spike (5090098-MS1)	Source: S5	08677-03		Prepared:	09/08/05	Analyzed	1: 09/09/05			
Benzene	8.97	0.50	ug/l	10.0	ND	90	60-140	****		
Toluene	8.62	0.50	17	10.0	ND	86	60-140			
Ethylbenzene	8.66	0.50	**	10.0	ND	87	60-140			
Xylenes (total)	25.5	0.50	11	30.0	ND	85	60-140			
Methyl tert-butyl ether	9.88	2.0	17	10.0	ND	99	60-140			
Surrogate: 4-BFB (FID)	7.88		"	10.0		79	60-140			
Surrogate: a,a,a-TFT (PID)	8.98		"	10.0		90	60-140			
Matrix Spike Dup (5090098-MSD1)	Source: S5	08677-03		Prepared:	09/08/05	Analyzed	1: 09/09/05			
Benzene	9.08	0.50	ug/l	10.0	ND	91	60-140	1	25	
Toluene	8.61	0.50	11	10.0	ND	86	60-140	0.1	25	
Ethylbenzene	8.73	0.50	**	10.0	ND	87	60-140	0.8	25	
Xylenes (total)	25.7	0.50	**	30.0	ND	86	60-140	0.8	25	
Methyl tert-butyl ether	10.4	2.0	**	10.0	ND	104	60-140	5	25	
Surrogate: 4-BFB (FID)	7.89		"	10.0		79	60-140			
Surrogate: a,a,a-TFT (PID)	8.99		n	10.0		90	60-140			





Project:Ham's Station
Project Number:[none]
Project Manager:Geological Technics, Inc.

S509134 Reported: 09/20/05 12:05

Extractable Hydrocarbons by EPA 8015B - Quality Control Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source	%REC	%REC	DDD	RPD	NY-4
rularyte	Result	Limit	Units	Level	Result	70REC	Limits	RPD	Limit	Notes
Batch 5090109 - EPA 3510C / EPA	8015B-SVOA									
Blank (5090109-BLK1)				Prepared	& Analyz	ed: 09/09/	05			
Diesel Range Organics (C10-C28)	ND	50	ug/l							
Surrogate: Octacosane	15.8	15.50 Miles	"	20.0		79	50-150			
Laboratory Control Sample (5090109-I	BS1)			Prepared	& Analyz	ed: 09/09/	05			
Diesel Range Organics (C10-C28)	441	50	ug/l	500		88	60-140			
Surrogate: Octacosane	16.9		n	20.0		84	50-150			
Laboratory Control Sample Dup (5090	109-BSD1)			Prepared	& Analyza	ed: 09/09/	05			
Diesel Range Organics (C10-C28)	541	50	ug/l	500		108	60-140	20	50	
Surrogate: Octacosane	21.0		"	20.0		105	50-150			





Project:Ham's Station
Project Number:[none]
Project Manager:Geological Technics, Inc.

S509134 Reported: 09/20/05 12:05

Notes and Definitions

This sample was received beyond the EPA recommended holding time.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

HT-01

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

2005 Rush Priority (1-Day, 2-Day, 5-Day) (\$) = GRADNATS (1) S **EDF REPORTING** 29/15 .07.0 9.07.0 Laboratory Chain of Custody TOTAL LEAD EDB OX 1'S DCY (A.S.E., O.19.E., T.A.M.E., E.T.B.E., T.B.A.) 8260 U.S.T. OXYGENATES Company (B1508) .3.8.T.M × DEL-TECH GEOTECH. (BIZO8) X.E.T.8 × 0 40 19801 TPH - DIESEL / 8015M × 22000 TPH - GASOLINE / 8021B × A1:50 GROUNDWATER PROFILE MONITORING WELL 0 GEOLOGICAL TECH. 100 was Sample Container / Presery. 4 VOA'S / HCL - 1-1LTR. / NEAT 4 VOA'S / HCL ~ 1 - 1LTR. / NEAT BILLING TO: (209) 622-4119 (209) 622-4227 SEQUOIA 808-5593 NONE NONE NONE NONE OF and 8 BROWN Fresch 220 Reow Sheet: **Print Name** Phone: P.O. # 上か FAX: DEL-TECH GEOTECHNICAL SUPPORT ab. Formal COC Required: [5283 Sample Description / Location DEL-TECH / 808-5592 といれ (209) 847-8757 / (209) 847-7744 FAX / deltech1@pacbell.net Zoral HAM'S SATION / 34950 HWY. 88 / PIONEER, CA. 2450 3RD, QTR, 2005 Report Attention: ERIC PRICE MW-3/DRY MW-2/DRY MW- 4/ DRY MW- 6 / DRY る方がしいー MW-1 GTI / 808 DW-1 10624 OLIVE AVE. / OAKDALE, CA. 95361 Project Name: Sampled by: Consultant PROJECT I.D. / GLOBAL I.D. # T0600500051 Time MODESTO, CA. 95354 8HD 30 GEOLOGICAL TECHNICS Sampling Info: 2 []3 []4 Signature SPECIAL INSTRUCTIONS / NOTES: 8/27/2005 8/27/2005 8/27/2005 8/27/2005 8/27/2005 8/27/2005 Date 7TH ST. PROJECT NAME: QC Report Type: Level Received / Reliquished by: eceived / Reliquished by Received Reliquished by 1101 SOOTEN TO SE ō (00) Lab Use Only City, State, Zip Client:

Appendix C Groundwater Monitoring Field Logs





2005 GROUNDWATER FIELD MONITORING SUMMARY REPORT

SITE:

HAM'S STATION 34950 HIGHWAY 88 PIONEER, CA August 27, 2005



SAMP	LE LOCATION	N/MW-	1		DATE:			8/27/2005	
PROJEC	CT NAME:	HAM	'S STATION		ANALYSIS	S PERFO	RMED:	SEE CHAIN O	F CUSTODY
ADDRE	The second secon		HIGHWAY 8	8	SAMPLE			10:40	
CITY, S			NEER, CA		SAMPLE (NERS:	4 V.O.A.'S/1	LITER NEAT
	ONTACT:		NEWCOMER		PRESERV			HCL	
	LTANT:		ICAL TECHN		LAB. ANA			SEQUOIA	
PROJEC	CT MANAGER:	ER	IC PRICE		MONUME	NT:		FLUSH	
SAMPL			H / DON LIC	HT	WELL CA		ATERIAL	PVC	
SIGNED		Dav.	Single St.		WELL CA	SING DI	A.:	2" /	0.1632
SAMPL	E MEDIA:	The state of the s	UNDWATER		P.I.D. REA	DING / C	DDOR:	N/A	NONE
TOP OF	CASING ELEVA			MSL	COLOR:		-	CLEAR	
	TO WATER:	(feet.100th's)	148.83	FEET	CALC. PU	RGE VO	L.:	3.21	GAL.
_	OF WELL:	(feet.100th's)	168.50	FEET	TOTAL V	OLUME I	PURGED	9.63	GAL.
	ING WATER COL		19.67	FEET	DEPTH O			168	FEET
B B A B							regard Sover		
9029820 FILESCO FIS			FIE	LD PAI	RAMETER	(2)	ng sepagaran	one care we wast the party was	San a Control of the Control
TIME	CUMULATIVE	DRAW	PUMPING	pН	E.C.	TEMP.	O.R.P.	DISSOLVED	TURBIDIT
	CASING VOLUME	DOWN	RATE	P			-	OXYGEN	COLOR
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)
	0	N/A	.5 GPM	8.73	203	10.9	114.8	5.25	CLEAR
	3.21	11/21	.5 01 1/1	8.35	237	10.5	110	5.54	"
	6.42	.11	н	8.04	244	10.5	96	5.59	11
	9.63	11	11	7.97	248	10.4	92	5.89	11
	2100			11.27		10.1			
	-								
PURGE	METHOD:		4' STAINLES	S STEEL	BAILER.				
SAMPLI	E METHOD:		4' STAINLES	S STEEL	BAILER.				
D. T. W.	AFTER PURGE:				D. T. W. A7	SAMPLE	E TIME:	154.47'	
WELL I	NTEGRITY:		CAP & SEAL	ARE SEC	CURE.				
WELL L	OCATION:		SEE SITE MA	AP.					
REMAR	KS:		DOMESTIC	WELL P	PH = 9.23 / E.C	L = 208 / TI	EMP.= 16.5	6 / O.R.P.= 186.5 /	CLEAR
WEATH	ER:		CLEAR / CO	LD		WIND:		NONE	
	Y CONTROL:				MENT AND SA	300000000000000000000000000000000000000		T WAS CLEANED	IN THE
£						- Introduction	AND DESCRIPTION OF THE PARTY OF	W NITRILE GLOV	
CONTA	INMENT:				EL DRUM OR				
INCTOR	MENTATION:		Y.S.I. 3560 FL	OWCELL		VCI DICC	SOI VED OV	YGEN METER	
INSTRU	MENTATION:				D				7
	***************************************		SOLINIST SLO KECK INTERI				DINE 580B P Y METER	,I.D.	
# OF DE	RUMS ON SIGHT:		WATER:	1	LI	SOIL:	0		
TOLDI									



SAMP	LE LOCATION	/ MW -	2		DATE:			3/11/2005	
	CT NAME:		I'S STATION		ANALYSI		RMED:	NONE	- Control - Cont
		HIGHWAY 8	8	SAMPLE			NO SAMPLE	TAKEN	
CITY, S		Philliphone discussion and the second	NEER, CA		SAMPLE		-	N/A	
	ONTACT:		NEWCOMER		PRESERV			N/A	
CONSU	LTANT:	GEOLOG	ICAL TECHN	IICS	LAB. ANA	LYSIS B	Y:	N/A	
									Charles and Charles
	CT MANAGER:		RIC PRICE		MONUME			FLUSH	
SAMPL			CH / DON LIC	iHT	WELL CA				0.1(22
SIGNET	E MEDIA:		UNDWATER		WELL CA			2" / N/A	0.1632 N/A
	CASING ELEVAT		UNDWATER	MSL	P.I.D. REA	DING/C	DOK:	N/A	IN/A
		feet.100th's)	DRY	FEET	CALC. PU	PCF VO		N/A	GAL.
		feet.100th's)	67.16	FEET	TOTAL V				GAL.
	ING WATER COLU		#VALUE!	FEET	DEPTH O		CACOLD	67	FEET
	Katha arma et mercuri er er 12								
			FIE	LD PAI	RAMETER	RS			
TIME	CHANA ATRIA	DRAW	PUMPING		E. C.	ТЕМР.	O.R.P.	DISSOLVED	TURBIDIT
TIVIE	CUMULATIVE CASING VOLUME	DOWN	RATE	pH	E. C.	ILMIP.	U.R.P.	OXYGEN	COLOR
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)
A.M. PERANTANA	0	DRY	(GFW/LFW)	(umis)	(Univirios)	(Ceisius)	(IVIVOIES)	(FFIVE)	(N.1.0.)
_	N/A	DKI							
	IV/A								·

PURGE	METHOD:		N/A						
SAMPLI	E METHOD:		N/A				-		
D. T. W.	AFTER PURGE:				D. T. W. A7	SAMPLE	TIME:	N/A	
-	NTEGRITY:		CAP & SEAL	ARE SEC	CURE.				
	OCATION:		SEE SITE MA	AP.					
REMAR	KS:	-							
WEATH	ER:	*******	CLEAR / CO	LD		WIND:		NONE	
QUALIT	Y CONTROL:		ALL PURGIN	IG EQUIP	MENT AND SA	MPLING E	QUIPMEN	T WAS CLEANED	IN THE
			FIELD WITH	A STEAM	CLEANER & A	LCONOXS	OAP. NEV	V NITRILE GLOVI	ES.
CONTAI	INMENT:	-	D.O.T. 17 55	GAL. STE.	EL DRUM OR	60 GAL. PC	DLY DRUM		
INSTRU	MENTATION:		Y.S.I. 3560 FLO	OWCELL		Y.S.I. DISS	OLVED OX	YGEN METER	
			SOLINIST SLO	PE METE	R	THERMOD	INE 580B P	.I.D.	
			KECK INTERF	ACE MET	ER	TURBIDIT	Y METER		



SAMP	LE LOCATION	I / MW -	3	7) - 10 - 10 10 - 10 - 10 - 10 - 10 - 10	DATE:	Sangayan Adelan i	nintOles/car value	3/11/2005	New on the missouth Care Science with	
DDATE	CT NAME:	ПАМ	'S STATION		ANALYSI	DEDEO	DMED.	NONE		
The state of the s		HIGHWAY 8	0	SAMPLE '		KWIED:	NO SAMPLE	LAKEN		
		NEER, CA	0	SAMPLE		JFDC.	N/A	AREN		
-	ONTACT:		NEWCOMER		PRESERV		THE RESERVE THE PERSON NAMED IN	N/A		
Total Control	LTANT:		ICAL TECHN		LAB. ANA	The second second second		N/A		
CONSU		GLOLOG.	ICAL TECHN	ics	LAB. AINA	LISISB				
PROJE	CT MANAGER:	ER	IC PRICE	A CONTRACTOR	MONUME	NT:	(C. 1)	FLUSH		
SAMPL		and the second s	H / DON LIG	НТ	WELL CA	SING MA	TERIAL	PVC		
SIGNEI			Light		WELL CA			2" /	0.1632	
SAMPL	E MEDIA:		UNDWATER		P.I.D. REA	DING / C	DOR:	N/A	N/A	
TOP OF	CASING ELEVAT	TION:		MSL	COLOR:			N/A		
	TO WATER:	(feet.100th's)	DRY	FEET	CALC. PU	RGE VO	L.:	N/A	GAL.	
DEPTH	OF WELL:	(feet.100th's)	34.10	FEET	TOTAL V	OLUME I	PURGED	: N/A	GAL.	
STAND	ING WATER COL	UMN:	#VALUE!	FEET	DEPTH O	F PUMP:		N/A	FEET	
g 1867				er nervielenen						
			FIEI	LD PAF	RAMETER	RS				
TIME	CUMULATIVE	DRAW	PUMPING	pН	E. C.	TEMP.	O.R.P.	DISSOLVED	TURBIDIT	
	CASING VOLUME	DOWN	RATE					OXYGEN	COLOR	
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)	
	0	DRY								
	N/A									
DUDGE	METHOD:		NI/A	Approximation					Support Vision	
	METHOD: E METHOD:		N/A N/A							
	AFTER PURGE:		IN/A	-	D. T. W. A	CAMPLE	TIME	N/A		
	NTEGRITY:		CAP & SEAL	ARESEC		O PANTI LIL	Z E EIVEL.	14/24		
the same of the same	OCATION:		SEE SITE MA		JOICE.					
REMAR			SEE SITE WI	11.						
WEATHER:		CLEAR / COLD WIND: NONE								
QUALITY CONTROL:		ALL PURGING EQUIPMENT AND SAMPLING EQUIPMENT WAS CLEANED IN THE FIELD WITH A STEAMCLEANER & ALCONOX SOAP. NEW NITRILE GLOVES.								
CONTAINMENT:					EL DRUM OR				ES.	
INSTRU	MENTATION:		Y.S.I. 3560 FL		Y.S.I. DISSOLVED OXY					
			SOLINIST SLO		- V		DINE 580B P	.I.D.		
			KECK INTERF	ACE MET	ER	TURBIDIT	Y METER			



SAMP	LE LOCATION	N/MW -	4		DATE:	Parine Stephinistorie	wayiina ya waxaa a	3/11/2005	Lings I make was the sweet	
DDO IE	CT NAME.		UC CTATION		ANAT VCT	C DEDEO	DMED.	NONE		
		I'S STATION		ANALYSIS PERFORMED: SAMPLE TIME:			NONE NO SAMPLE	TAVENI		
and the state of t			HIGHWAY 8	8	SAMPLE		TEDC.	N/A	IAKEN	
	ONTACT:		NEER, CA NEWCOMER		PRESERV			N/A		
THE RESERVE TO SHARE THE PARTY OF THE PARTY	LTANT:	THE RESERVE THE PARTY OF THE PA	ICAL TECHN		LAB. ANA			N/A		
CONSC	DIANI.	GLOLOG	ICAL TECHN	1103	LAB. AINA	LISISD	· ·	IVA	THE PROPERTY OF STREET	
DDAIE	CT MANAGER:	170	UC PRICE		MONUME	NIT.		FLUSH		
SAMPL			CH / DON LIG	LIT	WELL CA	-	TEDIAL			
SIGNEI			Signal Continue	III	WELL CA			2" /	0.1632	
	E MEDIA:		UNDWATER		P.I.D. REA			N/A	N/A	
	CASING ELEVA		CIND WALLER	MSL	COLOR:	DING	DOIL.	N/A	1071	
	TO WATER:	(feet.100th's)	DRY	FEET	CALC. PU	RGE VO	La:	N/A	GAL.	
	OF WELL:	(feet.100th's)	65.20	FEET	TOTAL V				GAL.	
	ING WATER COL	UMN:	#VALUE!	FEET	DEPTH O	F PUMP:		N/A	FEET	
- 1/25									祖子广州等于西山 东	
			FIE	LD PAI	RAMETER	RS				
			1.5					84,900,000,000		
TIME	CUMULATIVE	DRAW	PUMPING	pН	E.C.	TEMP.	O.R.P.	DISSOLVED	TURBIDIT	
	CASING VOLUME	DOWN	RATE	1				OXYGEN	COLOR	
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)	
	0	DRY				,				
	N/A									
	er by to a king.									
PURGE	METHOD:		N/A							
	E METHOD:		N/A							
	AFTER PURGE:				D. T. W. A7	SAMPLE	TIME:	N/A		
	NTEGRITY:		CAP & SEAL		CURE.					
	LOCATION:		SEE SITE MA	AP.						
REMAR	tks:									
WEATH	IER:		CLEAR / CO	LD		WIND:		NONE		
QUALITY CONTROL:			ALL PURGING EQUIPMENT AND SAMPLING EQUIPMENT WAS CLEANED IN THE							
							~	V NITRILE GLOV		
CONTA	INMENT:		D.O.T. 17 55	GAL. STE	EL DRUM OR	60 GAL. PC	DLY DRUM			
YNIOWN-	VA STANION A DOS CAR									
INSTRU	MENTATION:	The state of the s	Y.S.I. 3560 FLO		Y.S.I. DISSOLVED OXYGEN METER THERMODINE 580B P.I.D.					
			SOLINIST SLO KECK INTERF			TURBIDIT		.1.1),		



SAMI	PLE LOCATION	1/MW -	5	CPON ADMINISTRATION	DATE:		MARIE DATA A PROPER	3/11/2005	OFF THE STATE OF T	
DD O HE			MC CTATION	TAI SEAL SEAL AND SE		ADDD0		NONE		
The second secon		I'S STATION		ANALYSI	-	RMED:	NONE	TA IZETA I		
		HIGHWAY 8	8	SAMPLE'		TEDC	NO SAMPLE	IAKEN		
	The second secon		NEER, CA		SAMPLE	-		N/A		
	SITE CONTACT: TOM 1				PRESERV			N/A		
CONSU	LTANT:	GEOLOG	ICAL TECHN	IICS	LAB. ANA	TASISB	Y:	N/A		
	CT MANAGER:		RIC PRICE		MONUME			FLUSH		
SAMPL			CH / DON LIG	HT	WELL CA			Colonia de la Co		
SIGNE			Lobert		WELL CA	the Party Street Workshop or Name and Advanced Williams Street St		2" /	0.1632	
-	LE MEDIA:	Delication of the second	UNDWATER		P.I.D. REA	DING / C	DDOR:	N/A	N/A	
TOP OI	F CASING ELEVAT			MSL	COLOR:			N/A		
	TO WATER:	(feet.100th's)	DRY	FEET	CALC. PU			N/A	GAL.	
	OF WELL:	(feet.100th's)	65.80	FEET	TOTAL V		PURGED		GAL.	
STAND	ING WATER COL	UMN:	#VALUE!	FEET	DEPTH O	F PUMP:		N/A	FEET	
15										
			FIE	LD PAI	RAMETEI	RS				
							115765 30000			
TIME	CUMULATIVE	DRAW	PUMPING	»U	E.C.	TEMP.	O.R.P.	DISSOLVED	TURBIDITY	
LIVIE	CASING VOLUME	DOWN	RATE	pH	E. C.	I LIVIP.	U.K.F.	OXYGEN	COLOR	
		1.000.000.000		(N)	(III MILOS)	(0.1-1)	04-14-1			
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)	
	0	DRY			-			-		
	N/A									
					-					
Automorphic	Electronic de la constitución de				the built on the				生學情報問題的	
PURGE	METHOD:		N/A							
SAMPL	E METHOD:		N/A							
	AFTER PURGE:	No France			D. T. W. A'	SAMPLE	E TIME:	N/A		
	NTEGRITY:		CAP & SEAL		CURE.					
WELL I	LOCATION:		SEE SITE MA	AP.						
REMAR	RKS:									
WEATHER:			CLEAR / COLD WIND: NONE							
QUALIT	TY CONTROL:		ALL PURGIN	IG EQUIP.	MENT AND SA	MPLING E	QUIPMEN	T WAS CLEANED	IN THE	
			FIELD WITH	A STEAM	CLEANER & A	LCONOXS	SOAP. NEV	V NITRILE GLOVI	ES.	
CONTA	INMENT:		D.O.T. 17 55	GAL. STE.	EL DRUM OR	60 GAL. PC	OLY DRUM		W-20	
TNICTOR	INCOME A TRACAL		N.O. 1. 22/2 E.	OWAET T		Mar Stor	OLUMB CO	WORN NOWN		
INSTRUMENTATION:			Y.S.I. 3560 FLO		Y.S.I. DISSOLVED OXYGEN METE R THERMODINE 580B P.I.D.					
INSTRU			SOLINIST SLC	JE MEIE	N.	THERMOL	TIME DOUB P	.I.D.		
INSTRU			KECK INTERF	LACE MOT	ED	TURBIDIT	V Memor			



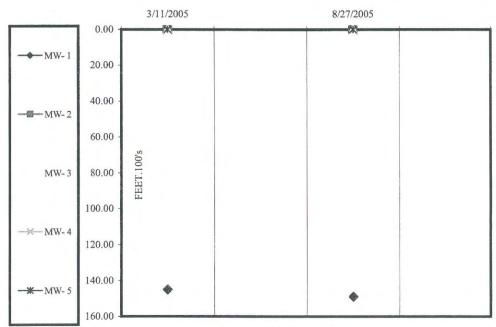
DEL-TECH GEOTECHNICAL SUPPORT

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HAM'S STATION 34950 HWY. 88 / PIONEER, CA.

MONITORING WELL FIELD SUMMARY LOG 2005 DEPTH TO WATER MEASUREMENTS

	QTR. 1	QTR. 2	QTR. 3	QTR. 4	TOTAL
DATE	3/11/05		8/27/05		DEPTH
LOCATION					Filher var Le Sin Sevil ex a Legacia
MW- 1	145.03		148.83		168.50'
MW- 2	DRY		DRY		67.16'
MW- 3	DRY		DRY		33.71'
MW- 4	DRY		DRY		65.20'
MW- 5	DRY		DRY		65.80'



D.T.W. CHART

NOTE:

ALL MEASUREMENTS ARE MADE FROM THE NORTH SIDE AND TOP EDGE OF THE WELL CASING. THE TOP OF CASING WITH A NOTCH OR PERMENANT MARKINGS, WHICH EVER ONE CONDITION IS APPROPRIATE.